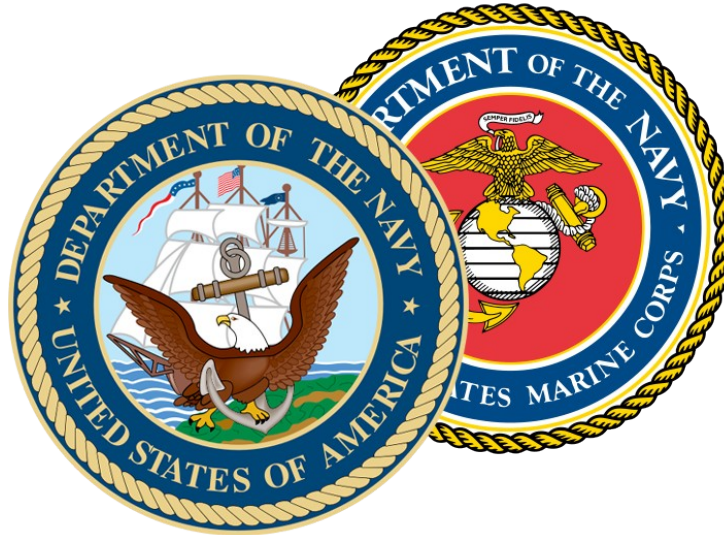


Implement IUID Smarter, not Harder, by Using Free Tools



April 2010



Bottom Line Up Front

- OSD Policy Mandate:
 - By 30 September 2007
 - Full Legacy Marking capability at all maintenance depots
 - By 31 December 2010
 - Legacy Marking of Class VII (major end items)
 - By 31 December 2015
 - Legacy Class II (clothing and organizational equipment)
 - Legacy Class IX (repair parts)
 - All embedded assets that meet the IUID criteria
- Reaffirmed by Navy Policy: SECNAV Instruction 4440.34, “Implementation of Item Unique Identification within the Department of the Navy”

These due dates for marking have not changed!



A Way To Do It Smarter

- ***A free DON Tool Suite is available to DON activities to aid in complying with the 2010 Requirement***





The QCTS “Tool Suite” as a Solution

Quick Compliance Tool Suite (QCTS) developed as a solution to meeting IUID compliance goals:

- Support across all programs & systems
- Provides tools to quickly implement IUID requirements.
- Efficient marking and registration of IUID legacy items.
- Registration of items that have been marked but not registered.
- Supports use of UII or DoD-approved IUID equivalent in all unique item tracking, serial number tracking, and serialized item management programs for item life cycle.
- Provides resources to ensure commonality and interoperability with all AIT infrastructure requirements and IUID data management.



QCTS Facts

- Developed by DON with no licensing fees for use by DoD organizations
- Functional Area Manager (FAM) approved, Defense Automated Document Management System (DADMS) registered
- Available at www.QCTS.org
- Currently being used by Army, Navy, Marine Corps and Joint Commands



QCTS Web

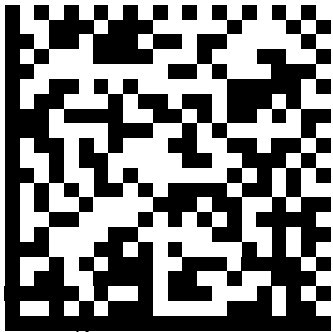
- QCTS is a web-based application providing access to a full suite of tools:
 - Compliance Checker
 - APIs
 - Mobile Applications
 - Electronic IUID Dashboard
 - And much more
- QCTS Service Desk provides IUID Help
 - IUID Compliance Support
 - IUID Label and Marking Support
 - Scanner Support
 - QCTS Help Desk





QCTS IUID Compliance Checker




- Determines whether or not a 2D data matrix is IUID compliant
 - Reflection of IUID policy
 - Checks 54+ permutations
- Scan IUID label or upload IUID image file



I'm IUID compliant...Trust me.

QCTS
IUID Compliance Registry Check Scanner Support

IUID Compliance

Click to Scan  or Upload  

UII:

Compliance Results: UID passed error check.

Registry Results: Found in IUID Registry

Checks Performed		IUID Mark Data	
Status	Check Type	Element Name	Value
✓	Check for Invalid Header	CAGE	16331
✓	Check for Invalid Format Code	Serial Number	B333550
✓	Check for Violation of Enterprise Identifier Constraints	Original Part Number	63A158097P1
✓	Check for Invalid CAGE Code	Format	06
✓	Check for Invalid Original Part Number	IAC	D
		UII	D1633163A158097P1B333550
		Raw IUID	[> <R/S> 06 <G/S> 17V16331 <G/S> 1P63A158097P1 <G/S> SB333550 <R/S> <EOT>



QCTS APIs - Application Programming Interface

- Functionality available for incorporation into existing AISs
 - Libraries available in Java, JavaScript, and .NET
 - Example code provided to ease integration
- Developed for both desktop and handheld applications
- Reduces duplicative software efforts
- Provided to MFOM, PQDR, JAMISS, BCS, others for IUID decoding



QCTS Mobile Applications

- Expedites job of marking personnel
 - Runs on a handheld computer
 - Quickly identifies items
 - Contains filtering capabilities
 - Able to scan both IUID marks and linear barcodes
 - Displays marking instructions & helpful images
 - Associates UII w/item's pedigree data
 - Synchronizes w/QCTS server for automatic registration of items
 - Tested to handle 1,000,000+ items



ILO Validation 4:00

☐ Serial

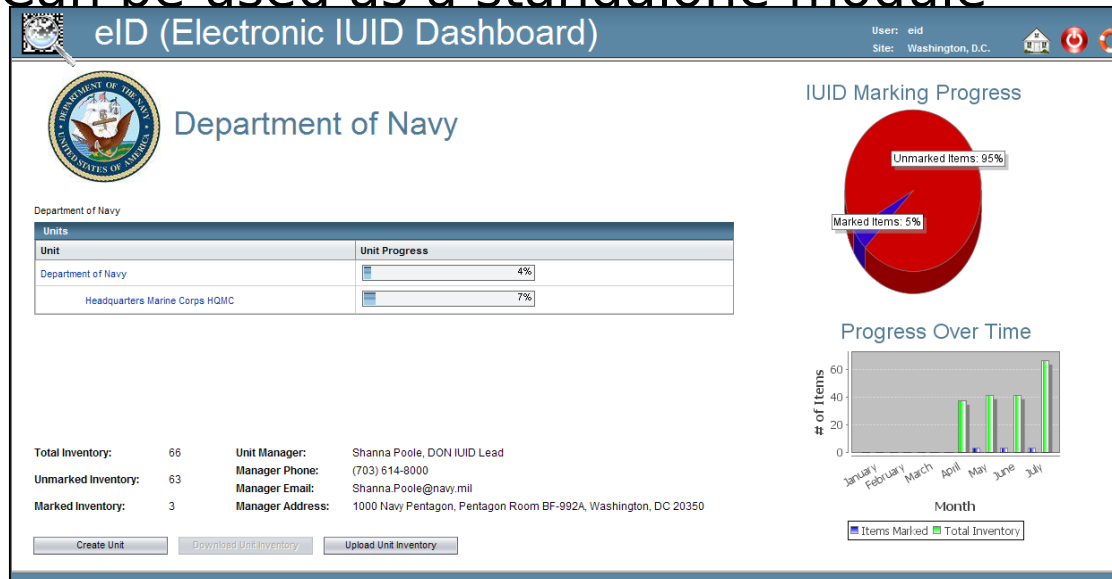
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1169463	SNSR-X-038591
PRESSURE TRANSDUCER	
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Desc: PRESSURE TRANSDUCER	
FSC: Ser: 1169034	
Cage: Building:	
Part: SNSR-X-038591	
On-hand: <input type="text" value="0"/>	
Submit View Details Collapse	
1169482	SNSR-X-038591
PRESSURE TRANSDUCER	

File **View**



Electronic IUID Dashboard (eID)

- Monitors legacy IUID marking over an entire organization or command
 - Command level marking progress overview (Dashboard)
 - Drill down to any unit in the command structure
 - Simple data entry by file upload
 - Fully integrated with QCTS
 - Can be used as a standalone module





In Short...

- QCTS allows you to focus on the marking of items without first having to become an IUID expert.
- These are just some of the tools. See them in use at the QCTS booth.
- Register for QCTS access at www.qcts.org.
- New tools are being added all the time.
- COMING SOON! QCTS “IUID Should Cost to Marking” Module
 - Useful in evaluating contract proposal.

Bottom Line

The due date for Class VII to be marked is less than 8 months away. QCTS can help you meet this requirement!